Renewable Energy Engineer

**Job Description:** Design, develop, and evaluate renewable energy related projects such as those that use wind and solar energy.

**What do Renewable Energy Engineers do?**

* Help farmers become energy independent by designing a solar photovoltaic system that will fit on a barn roof.
* Oversee the installation of home solar energy systems to make sure it is all done properly.
* Design wind farms.
* Analyze annual wind speed and direction data to determine the best location for a wind farm.
* Design geothermal wells and drilling programs.
* Develop and maintain mechanical technology at hydroelectric plants and oversee performance of the plant.

**Outlook: Bright and Green**

Average Salary - $43.06 hourly, $89,560 annual

Projected Job Openings – 50,200 over the next 10 years

**Your Interests:**

* Are you good at math?
* Is your work detailed?
* Are you interested in how things work?
* Do you like working with computers?

**Education/Program of Study:**

* Bachelor’s Degree in an engineering discipline
* Professional Engineer License